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INFORMATION REPORT INFORMATION REPORT  
CENTRAL INTELLIGENCE AGENCY

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COUNTRY	Czechoslovakia	REPORT NO.		50X1
SUBJECT	Power Station in Frantiskov for Charging Border Wires	DATE DISTR.	26 October 1955	
		NO. OF PAGES	6	50X1
DATE OF INFO.		REQUIREMENT NO.		
PLACE ACQUIRED		REFERENCES		50X1
DATE ACQUIRED				50X1

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Attached is [ ] as received [ ]  
[ ]  
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Distribution of Attachment (1 drawing):

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REPORT

50X1

COUNTRY Czechoslovakia  
SUBJECT Power Station in Frantiskov for Charging  
Border Wires

DATE DISTR. 22 Sept. 1955

NO. OF PAGES 5

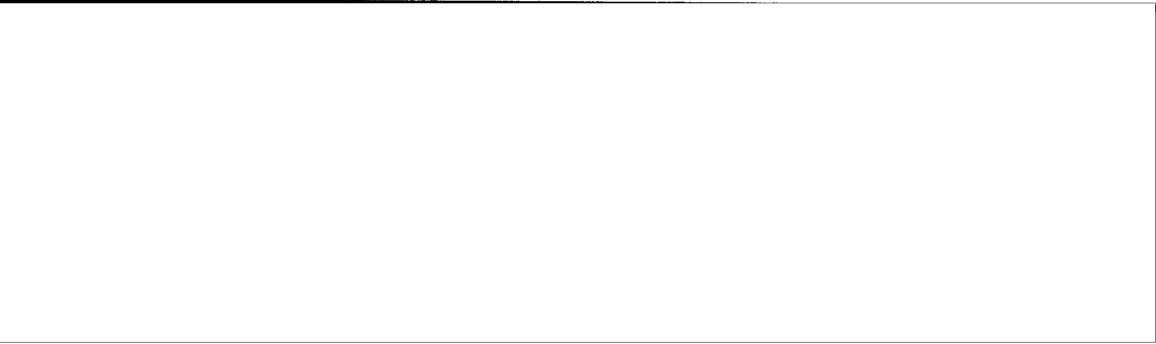
DATE OF INFORMATION

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PLACE ACQUIRED

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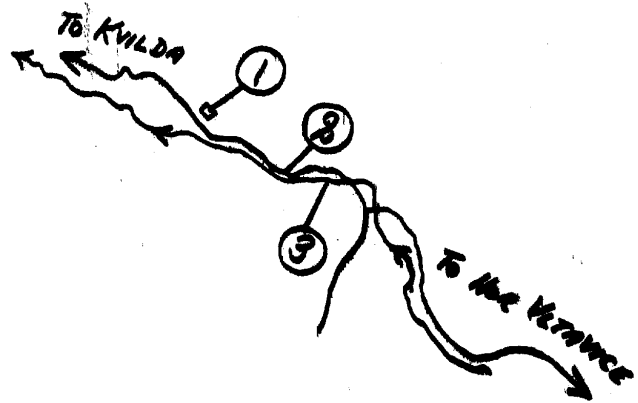
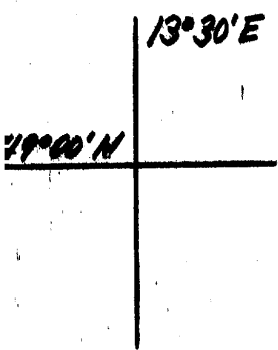
Reference is made to page 2, overlay on GSGS 4416, Sheet V-8, VODNANY, on the following points: 50X1

- 1. Electric power station in Frantiskov (N 49-00, E 13-37). For further information see pages 4 and 5, this report.
- 2. Road, gravel, six meters wide.
- 3. Vltava River.<sup>1</sup>

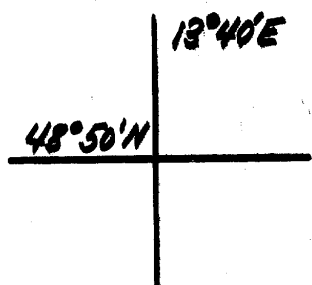
1. Comment: the flow of the Vltava River was from east to west, but according to the map it is from west to east. All attempts to establish the right direction of the river flow were unsuccessful. the power station was located on the right side of the Vltava River, facing in the direction of the river flow. it is possible that the power station, point 1, page 2, is located not in the place indicated on page 2, but on the opposite side of the river.

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Overlay on OSOS 4416  
Sheet V-8  
VODNANY



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50X1

- 3 -

Reference is made to page 4, [ ] sketch of the power station and the sluice [ ] identified the following points:

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1. Earth over pipeline, point 2.
2. Underground pipeline from the sluice to the power station. The pipes were made of steel, round in shape, and about 1.5 m. in diameter. They were put into the ground at a 40 degree angle. The power station was located about 45 m. lower than the dam, point 3, and the beginning of the water pipeline.
3. Dam controlling the entrance of water into the pipeline. Wood board construction, four meters wide, three meters high and 15 cm. thick, with concrete supports on both sides; manually operated. This dam was constructed in 1952. The distance from this dam to power station was about 60 m.
4. Sluice, a canal three meters deep, four meters wide and one kilometer in length. The water depth was two meters. Both sides and bottom were banked with boards 15 cm. thick. The water of the Vltava River after being stopped by the dam, point 6, entered this sluice which directed the water to the pipeline, point 2, which in turn conveyed it to the power station, point 10, and the turbine.
5. Wooden planks supporting the board revetments.
6. Dam across the Vltava River, wood board construction, seven meters wide, three meters high and 15 cm. thick, with concrete supports on both sides. This dam was constructed in 1952 and was manually operated.
7. Sluice. (See point 4, above.)
8. Dam. (See point 3, above.)
9. Underground pipeline to the power station. (See point 2, above.)
10. Power station, single-story brick construction, 45 x 30 x 30 m., gable roof covered with tile. There was one big hall. For floor plan, see page 5, this report. This power station supplied electricity to a 75-km.-long stretch of electrically charged wires at the Czechoslovak-German border and all units of the 10th Volary Border Guard Brigade which guarded this stretch. This brigade consisted of three battalions, broken down into 20 companies. All the electric transformers were located at battalion headquarters. [ ] the wires at the border were charged with 12,000 - 14,000 volts. The electricity in the wires was controlled by order of the Brigade Commander. Not even a Company Commander, controlling a certain section of the border and the electrified wire, was authorized to turn the current in the wires on or off without a direct order from the Brigade Commander. [ ] the wires were electrified during the night and that there was no electricity during the day and when there were storms. The power station operated 24 hours a day. [ ] there was always electricity, and [ ] did not hear of any kind of mechanical troubles. There were always three or four men on duty at the power station. The power station was guarded at all times by one guard from the 10th Volary Border Guard Brigade. The output and type of the turbine or any other equipment at the power station was unknown to source.
11. Underground pipeline taking the water from the turbine to the Vltava River.

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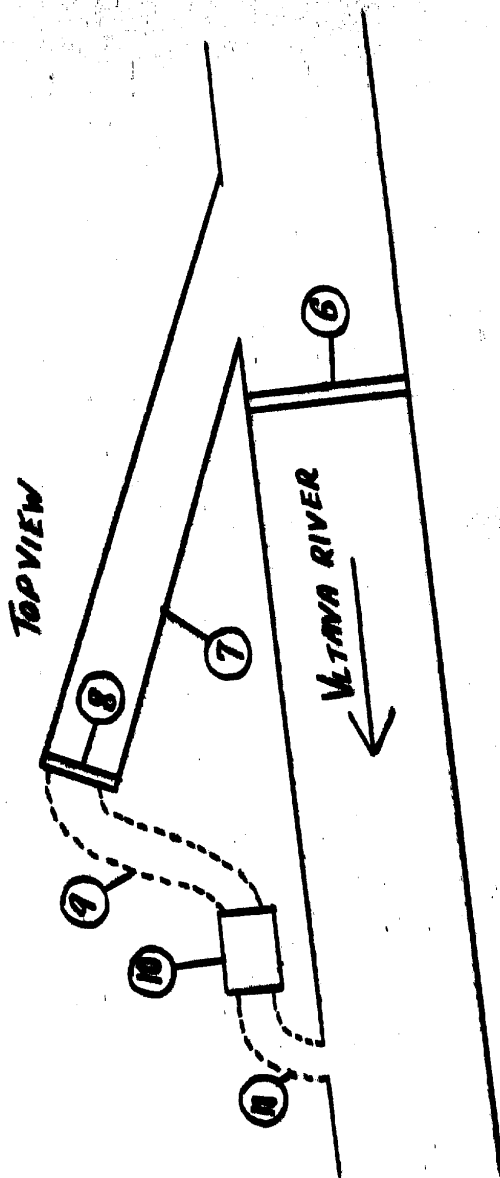
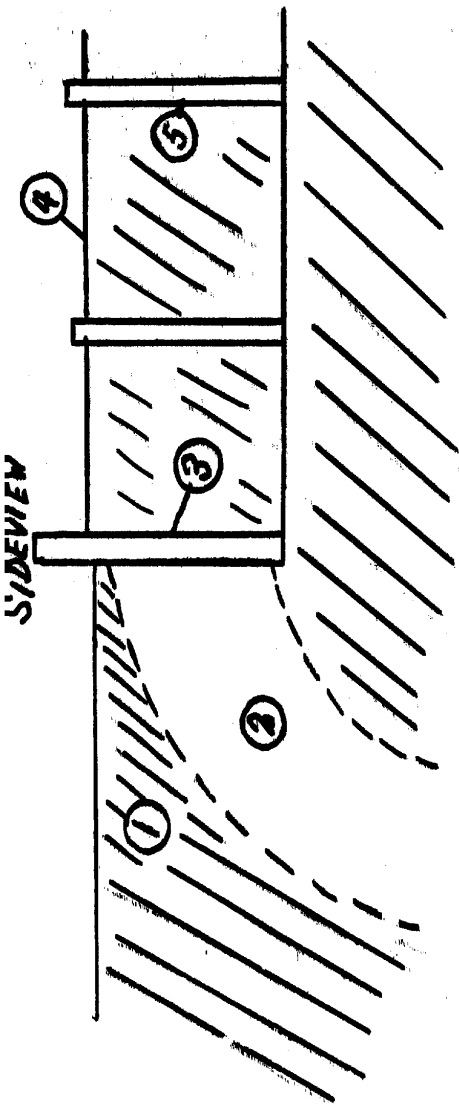
Enclosure: [ ] drawing of the power station, sluice and surrounding area.

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Power Station and Sluice at Frantiskov

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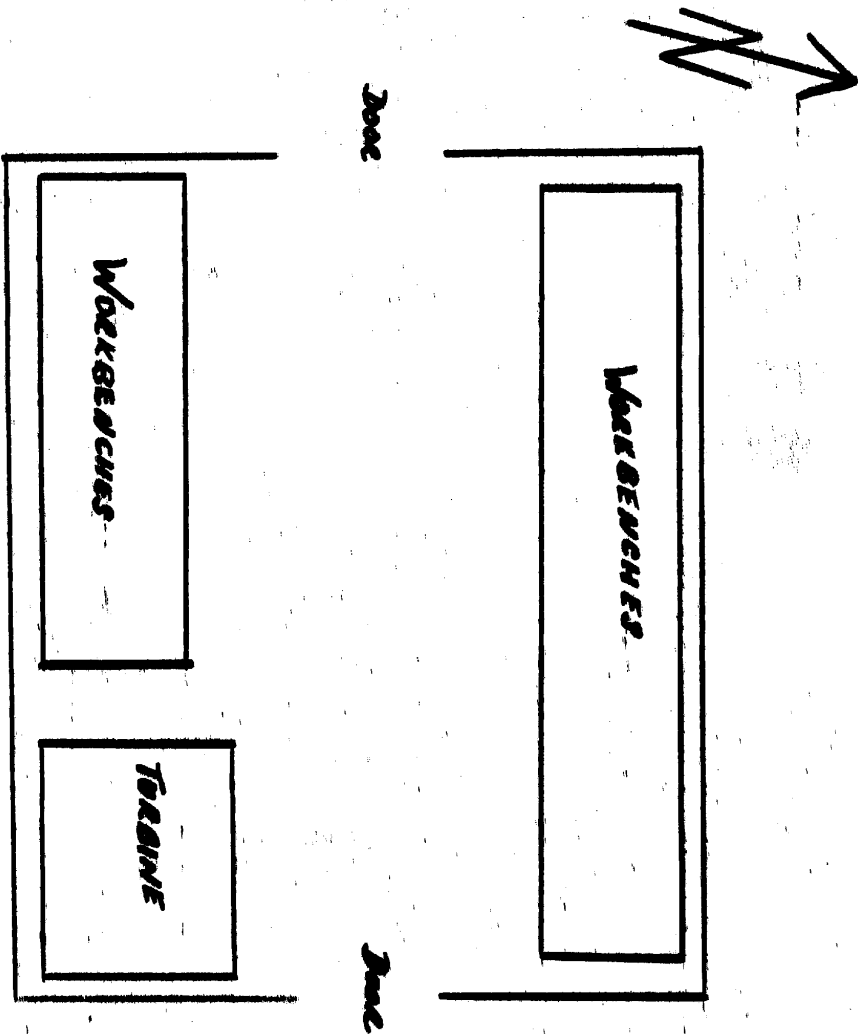
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Floor Plan of the Power Station

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